



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
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October 25, 1985

Mr. Kenneth R. Poulson  
Vice-President  
Brush-Wellman, Inc.  
67 West 2950 South  
Salt Lake City, Utah 84115

Dear Mr. Poulson:

Re: Permitting, Topaz Mine, ACT/023/003, Juab County, Utah

The Division has reviewed the information which you submitted July 30, 1985 in response to our May 13, 1985, review document. The Division has some specific comments, as stated in the attached review document.

The majority of concerns expressed in the May 13, 1985 letter will not be addressed until a Final Reclamation Plan is submitted and therefore no comments about those sections of the review can be made at this time. It is our understanding that a Final Reclamation Plan for the Topaz Mine will be received before the end of the year. It is also expected that Brush-Wellman will incorporate all applicable comments and commitments made in July 30 submittal into the Final Reclamation Plan.

Please feel free to contact me if I can provide any assistance.

Sincerely,

Susan C. Linner  
Reclamation Biologist/  
Permit Supervisor

jvb  
cc: L. Braxton  
Dave Darby  
Randy Harden  
Rick Summers  
0028R-55



REVIEW OF JULY 30, 1985 SUBMITTAL  
Brush-Wellman Inc.

TOPAZ MINE  
ACT/023/003  
Juab County, Utah

RULE M-3(1)(d)-DD

The geologic map, "Topaz Utah Geology", shows a well down gradient from the mining operations in Township 12 South, Range 12 West, Section 31. Since mining can potentially affect the groundwater supply to this well, the applicant should state who owns the well, its use and functional status, whether it might be used in the future and any adverse affect that would be expected from mining operations.

RULE M-3(h)-RS

This commitment will be acceptable upon receipt of the water quality analysis of the ponds taken last June.

RULE M-5 and M-10 Maps - JRH

Maps and plans currently submitted by Brush Wellman do not provide sufficient information for reclamation planning or reclamation bonding estimation. The company has and uses detailed maps for their pits which were and are flown periodically. The Division requests that these aerial contour maps of the pits and any other coverage provided in these maps be submitted with the reclamation plan. Additionally, when these pits are re-flown for continuing mining operations, Brush Wellman should send updated copies of these maps with their annual reports. These maps provide sufficient contour information to determine slopes required for regrading and revegetation purposes, as well as to define the areas disturbed by mining. Please contact Randy Harden at the Division if you have any further questions or problems in submitting these maps with the reclamation plan.

RULE M-10(2)(b) - JRH

The applicant has indicated that waste will be disposed of in a sanitary landfill approved by the county. Brush Wellman should provide with their reclamation plan a copy of the approval for the landfill. Additionally, plans for the final reclamation of the landfill should be incorporated into the Final Reclamation Plan.

RULE M-10(4) and (11) - RS

This commitment will be acceptable if included in the final reclamation plan. The applicant should define what criteria will be used to determine "excessive erosion" (page 9, July 30, 1985).